Driving Mobile Media Solutions™

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//////ALPINE®

Mobile Media Solutions

2008 Summer Catalogue

Take Your iPod® for a Drive

Audio

Want to bring your iPod® into your car? We've got a wide variety of solutions, starting off with the iDA-X100. And if you want to upgrade your sound, Alpine has many head units that can be equipped with IMPRINT Sound processing, for music reproduction close to the original.

Wow Your Riders

Video

Alpine covers all your entertainment options, keeping all your passengers happy during the ride. The IVA-W505R/-W502R lets you play DVDs and upgrade to other sources – even iPod® movies – while our lineup of overhead and rear seat monitors make sure all your riders stay satisfied.

Guide Your Ride

Navigation

We've got what it takes to get you to your destination in comfort, safety and style. Our Blackbird PMD-B200P hand-held navigation system docks directly into the IVA-W505R and IVA-W205R, giving you the best of both worlds – portable convenience with full-featured route guidance and in-dash control.

Stay Connected

Communication

Alpine has versatile connectivity solutions for every vehicle. Bring your iPod® along for the drive with our new eX-10 and get Bluetooth phone capability with hands-free operation and caller number display – without having to replace your factory radio.

Drive Safe, Drive Sure

Drive Assist

We've got a wide range of products to make sure your drive is comfortable and safe as well. Our HCE-C200R multi-view rear camera system and the HCE-C200F front camera extension lets you see the area around your car, helping you park in tight spots and navigate narrow roads and 'blind' corners.
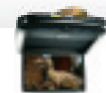
Driving Mobile Media Solutions™

Alpine does solutions.

Revolutionary solutions with cutting-edge technologies that make your drive pure joy.
Listen to iPod® music and watch iPod® videos in your car.
Keep your kids entertained with a full range of monitors, that connect to
just about any available media source.
Bring portable navigation inside and dock it directly to one of our systems.
Use advanced processors that automatically customise your in-car sound like a pro.
And fill your car with high-power, top-quality sound.

Take Your iPod® for a Drive

The world's first head unit designed for iPod® is back – and now available in three different models.
Featuring even easier and more intuitive controls, and many new, cool features.

Introducing the ultimate iPod® solution and the successor to the award-winning iDA-X001.
This new iPod® controller provides seamless control of all your favourite media sources in your vehicle.

iDA-X100

DIGITAL MEDIA RECEIVER

• 4 x 50W High Power Amp • USB connection for iPod (iPod classic 5G/6G, iPod touch, iPod nano 1G-3G), selected MP3 players using MTP protocol or USB thumb drives • Full Speed connection for all iPod models with dock connector • 2.2" high resolution TFT display • IMPRINT Ready • 24-Bit DAC • Bluetooth Ready • Double-Action Encoder • Quick Search • Ai-NET • Steering Wheel Remote Control Ready • Vehicle Display Interface Ready • 2 illumination colours selectable (blue/red) • 3 PreOuts • 2 PreIns for PXA-H100 • MP3/AAC/WMA Playback • Remote Ready • CD Mechanism-less design

See Your Music

With its three viewing modes, advanced search functions, and super-high-resolution display – plus a cool clock and calendar – the iDA-X100 is the best and easiest way to use your iPod in your car.

Best Possible In-car Sound with IMPRINT

Connect our PXA-H100 IMPRINT Sound Processor, to eliminate any acoustical distortion in your vehicle cabin and upgrade to awesome sound quality.

Alpine Reinvents the Wheel

Selecting your iPod songs is exceptionally quick and easy with the large display and the all new double-action encoder.
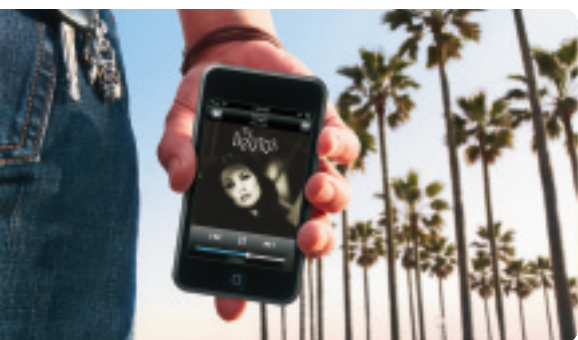
All-digital Connection

Connect your iPod via USB for ultra-fast, all-digital data transfer – for the best sound quality possible, and instant access, including album artwork and song information.

24 bit
D/A CONVERTER

Easy control, super-fast music search and great sound – plus optional IMPRINT Sound tuning – make the iDA-X200 perfect for iPod® users.

iDA-X200
DIGITAL MEDIA RECEIVER

• 4 x 45W High Power Amp • USB connection for iPod (iPod classic 5G/6G, iPod touch, iPod nano 1G-3G), selected MP3 players using MTP protocol or USB thumb drives • 24-Bit DAC • ID3 tag index search for USB thumb drives • Full Speed connection for all iPod models with dock connector • LCD display (3-colour) • IMPRINT Ready • Bluetooth Ready • Double-Action Encoder • Quick Search • Ai-NET • Steering Wheel Remote Control Ready • 3 PreOuts • 2 PreIns for PXA-H100 • MP3/AAC/WMA Playback • Remote Ready • CD Mechanism-less design

The iDA-X300 is an exceptional value for iPod® users who want to connect their favourite media sources as well.

iDA-X300
DIGITAL MEDIA RECEIVER

• 4 x 45W High Power Amp • USB connection for USB thumb drives • 24-Bit DAC • ID3 tag index search for USB thumb drives • Full Speed connection for all iPod models with dock connector • LCD display • Bluetooth Ready • Rotary Encoder • Quick Search • Ai-NET • Steering Wheel Remote Control Ready • 1 PreOut • MP3/AAC/WMA Playback • Remote Ready • CD Mechanism-less design

FULL SPEED

Get Up to Full Speed
Our Full Speed connection lets you use older model iPods and still get super-fast data access and top-quality sound. Simply connect the KCE-422i cable and enjoy all your iPod music in the car!

Bluetooth Ready
Bluetooth mobile phone users can add on the KCE-350BT Bluetooth Module, and connect to any of our Digital Media Receivers for hands-free mobile phone operation.

Works With Other MP3 Players
The built-in USB interface lets you connect and control selected MP3 players* (MTP standard) as well as USB memory sticks, enables convenient alphabetical ordering** and search functions, and provides Digital Rights Management (DRM10)* compatibility.
* iDA-X100/-X200 only   ** iDA-X200/-X300 only

Not Forgetting CD and DVD Fans
Connect the DHA-S690 DVD/CD Changer or CHA-S634 CD Changer, and play up to six CDs – with easy control from the head unit. See pages 11 and 28 for more information.

Digital Media Receiver Overview

	FULL SPEED	USB PLAYBACK	AAC MP3	Steering Remote Control Ready	Bluetooth Ready	24bit D/A CONVERTER	Double-Action Encorder	IMPRINT Ready	iPod USB	VEHICLE DISPLAY INTERFACE	TFT Display	
iDA-X100	●	●*	●	●	●	●	●	●	●*	●	●	4 x 50W MAX
iDA-X200	●	●*	●	●	●	●	●	●	●*			4 x 45W MAX
iDA-X300	●	●*	●	●	●	●						4 x 45W MAX
Required Accessory	KCE-422i			ask your dealer	KCE-350BT			PXA-H100		ask your dealer	●* = cable included	

* Latest generation iPods (iPod nano 3rd generation, iPod classic and iPod touch) are only partially supported as of December 2007. Please ask your Alpine dealer for more information on functionality and latest firmware status.

iPod® Solutions for Any Vehicle

The eX-10 lets you easily connect an iPod® to your original car stereo – giving you built-in Bluetooth phone operation, full control over your iPod® including Quick Search and a cool dash-mount display.

The easiest way to integrate your iPod® into your car stereo system – and get Bluetooth phone operation!

eX-**10**

ADVANCED iPod® CONTROLLER WITH Bluetooth

• 2.4" high-resolution TFT display • Full Speed connection for all iPod models with dock connector • Built-in high quality FM transmitter • Works with any car radio • Quick Search • 3 viewing modes for iPod playback • Album artwork display • Built-in Bluetooth module for hands-free phone operation • Compatible with many Bluetooth enabled mobile phones • Caller's voice heard through vehicle speakers • Caller number display • Audio Streaming Ready • AUX output (mini-jack) • Included wireless remote control, wire harness, power adapters for cigarette lighter socket and microphone

Ready, Set, Go!

Everything about the eX-10 is simple and easy, including setup. Just put the monitor on your dashboard (no tools needed!), plug it into the cigarette lighter socket, then connect your iPod with the included cable – and you're ready to go!

Works With Any Radio

The innovative eX-10 features a built-in, top-quality FM transmitter, that broadcasts the iPod signal straight to your factory car radio. The result? Great sound quality and full integration of the iPod into your vehicle.

Stay Connected With Bluetooth

Built-in Bluetooth capability gives you wireless, hands-free operation of your Bluetooth-enabled phone, plus caller number display, and even streaming music playback.

The iPod® Edge

The eX-10 and its high-resolution display provides three different viewing modes, including album artwork display, and gives you advanced Quick Search features. The Full Speed connection means you can access all your iPod songs and info instantly!

KWE-**155B**
FM ANTENNA SPLITTER FOR eX-10
• For use in countries that restrict usage of FM transmitters

Ready

Set

iPod® Entertainment For All Your Passengers

If your car system has a monitor (or more) and you want to watch your iPod® movies, here's an ideal, inexpensive way to expand your entertainment – and satisfy ALL your passengers!
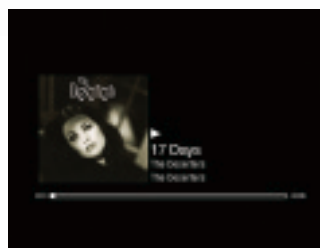
KCE-425i
iPod® VIDEO INTERFACE

• Universal iPod interface • USB connection for iPod • Supports iPod audio and video playback • Multi-language graphical user interface • Compatible with iPod classic (5G/6G), iPod nano (all generations) and iPod touch • Album artwork display • Touch Control Ready • S-Video & A/V output • Includes remote control • PAL/NTSC compatible • Photo access for iPod classic (4G-6G)
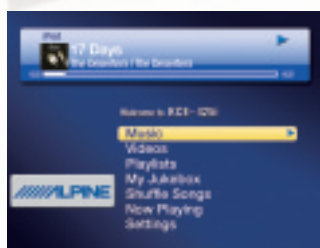
Easy-to-use User Interface

Album Artwork Display

This versatile add-on solution lets you connect your iPod to a monitor in your car – and enjoy all your iPod entertainment, including movies! The black-box KCE-425i not only brings your current system up-to-date for watching iPod movies, it gives you a gorgeous user interface that works similar to iPod, with the same convenience and ease of use. Listen to your iPod music on your car system, watch iPod videos – even listen to audiobooks and podcasts, too. It's the perfect solution for bringing the iPod into an existing mobile multimedia system.

Watch Your iPod® – In Three New Ways

Mobile Media Stations

If you've got a previous generation MMS that doesn't have iPod connectivity, this is the perfect upgrade. You can enjoy all your iPod music and videos in the car, and have comprehensive, easy control over them via Touch Screen operation.

Rear Seat Monitors

Do you have iPod movies and podcasts your kids want to watch in the car? The KCE-425i plugs in easily to Alpine rear seat and overhead monitors. The supplied remote control and easy-to-use interface make it simple for kids to use. Or get a touch screen monitor, and enjoy touch operation.

Factory Stereo System

If you've got a factory system with a colour display that you don't want to replace, the KCE-425i (combined with an optional third-party interface) lets you play iPod music and videos in the car. It's also an ideal upgrade for those who have the versatile Alpine VehicleHub or VehicleHub Pro system.

Go

Awesome Sound for Your iPod®

Transform your car interior with Alpine's world famous IMPRINT Sound,
and get all the music close to the original – for your iPod® and your CDs.

The CDA-9886R is built especially to handle the widest variety of sources, including your iPod®,
USB memory sticks, CDs – even Bluetooth phones.

CDA-9886R

CD RECEIVER / USB AND iPod® CONTROLLER

• 4 x 50W High Power Amp • CD-R/-RW/MP3/AAC/WMA Playback • USB connection for USB thumb drives • Full Speed connection for iPod touch, iPod nano and all iPod models with dock connector • 24-Bit DAC • BioLite Display • IMPRINT Ready • Auto Volume • Bluetooth Ready • Full Speed AUX input • Quick Search • Ai-NET • 2 illumination colours selectable (blue/red) • Steering Wheel Remote Control Ready • Vehicle Display Interface Ready • 3 PreOuts (4 volt) • 2 PreIns for PXA-H100 • Remote Control Included
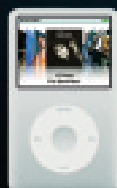
Your iPod® at Full Speed

Full Speed lets you use convenient Quick Search and Percentage Search features to browse your iPod music collection fast and easily. Full Speed also means excellent iPod sound in your car. Connect to all the latest iPod players too, as well as older models equipped with a dock connector.

Plays Music From USB Memory Sticks

You can also connect any USB memory stick containing music data. The head unit automatically picks out just your music files from the data on the stick, and provides convenient file and folder search functions so you can find your songs quickly and easily.

Bluetooth Phone Ready

Bring your Bluetooth phone into the car, too. All our head units are Bluetooth ready; just connect the KCE-350BT Bluetooth Interface and get full operation of your Bluetooth-compatible mobile phone – without having to take your hands off the wheel.

Built-in USB

You can connect your USB memory stick on the back of the unit, or store it safely away from damage or theft in the glove compartment (requires KCE-220UB USB Extension Cable).

USB PLAYBACK

and CDs
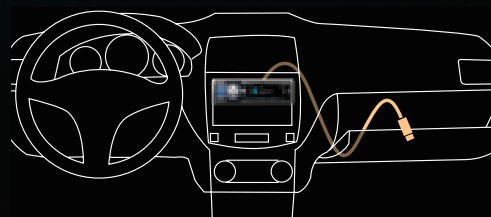
CDA-9884R

CD RECEIVER / USB AND iPod® CONTROLLER

• 4 x 50W High Power Amp • CD-R/-RW/MP3/ AAC/WMA Playback • USB connection for USB thumb drives • Full Speed connection for iPod touch, iPod nano and all iPod models with dock connector • 24-Bit DAC • 2-line LCD Display • IMPRINT Ready • Bluetooth Ready • Full Speed AUX input • Quick Search • Ai-NET • 4 illumination colours selectable (blue/green/ red/amber) • Steering Wheel Remote Control Ready • Vehicle Display Interface Ready • 3 PreOuts (4 volt) • 2 PreIns for PXA-H100 • Remote Control Ready

Experience True IMPRINT Sound

Alpine's amazing new IMPRINT Sound technologies have overcome all acoustic problems in the cabin – tuning your car interior's sonic environment to perfection and letting you hear music just as the artist intended.

IMPRINT Sound is a stunning new suite of sound processing technologies that let you sit in the producer's chair and hear music exactly as it was meant to be heard. It delivers sonic accuracy never before available in the car, and utilises sophisticated professional sound tuning technologies, including MultEQ, that measure your car's acoustics and process the sound – precisely and automatically! The CDA-9886R and CDA-9884R are IMPRINT Ready – 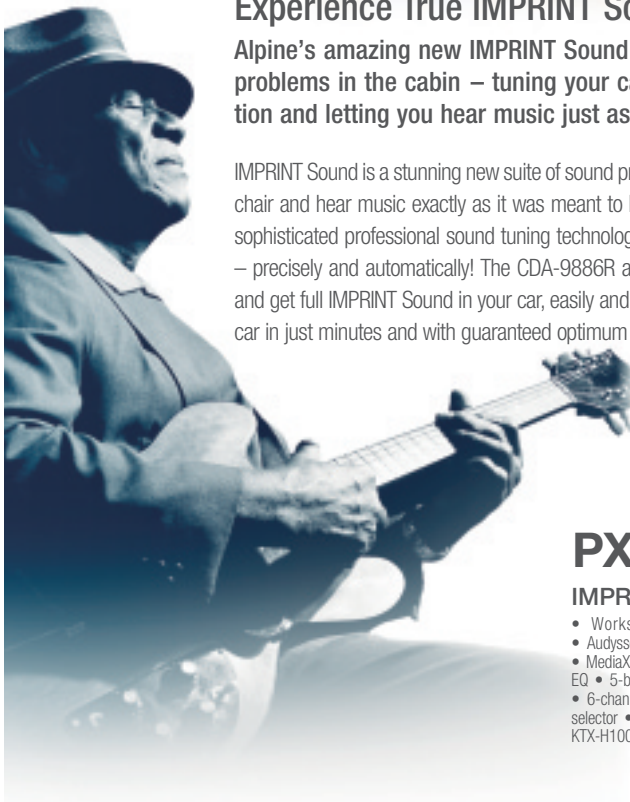simply connect our PXA-H100 processor and get full IMPRINT Sound in your car, easily and inexpensively. Using a laptop computer, your dealer can acoustically tune up your car in just minutes and with guaranteed optimum results.

PXA-H100

IMPRINT SOUND PROCESSOR

• Works with all IMPRINT Ready head units • Audyssey MultEQ Sound Optimisation • 24-Bit DAC • MediaXpander • 3 PreOuts (4 volt) • 7-band graphic EQ • 5-band parametric EQ • 3-way/ 2-way crossover • 6-channel digital time correction • Subwoofer phase selector • Ai-NET • IMPRINT sound calibration requires KTX-H100 – Ask your dealer for more information

Features built-in IMPRINT Sound processing – everything you need to experience music the way the artist intended.

CDA-9887R

IMPRINT CD RECEIVER / iPod® CONTROLLER

• 4 x 60W High Power Amp • CD-R/-RW/MP3/AAC/WMA Playback • Audyssey MultEQ built in • Full Speed connection for iPod touch, iPod nano and all iPod models with dock connector • 24-Bit DAC • BioLite Display • Bluetooth Ready • Full Speed AUX input • Quick Search • Ai-NET • 4 illumination colours selectable • Steering Wheel Remote Control Ready • Vehicle Display Interface Ready • 3 Pre-Outs (4 volt) • Remote Control Included • IMPRINT sound calibration requires KTX-100 EQ – Ask your dealer for more information

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CDE-**9882Ri**
CD RECEIVER / USB AND iPod® CONTROLLER

• 4 x 50W High Power Amp • CD-R/-RW/MP3/AAC/WMA Playback • USB connection for USB thumb drives • Full Speed connection for iPod touch, iPod nano and all iPod models with dock connector (cable included) • 2-line LCD Display • Bluetooth Ready • Full Speed AUX input • Quick Search • 2 illumination colours selectable (blue/red) • Steering Wheel Remote Control Ready • 3 PreOuts • Remote Control Ready

iPod Full Speed cable included

CDE-**9880R**
CD RECEIVER / USB AND iPod® CONTROLLER

• 4 x 50W High Power Amp • CD-R/-RW/MP3/AAC/WMA Playback • USB connection for USB thumb drives • Full Speed connection for iPod touch, iPod nano and all iPod models with dock connector • 2-line LCD Display • Bluetooth Ready • Full Speed AUX input • Quick Search • 2 illumination colours selectable (green/amber) • Steering Wheel Remote Control Ready • 3 PreOuts • Remote Control Ready

CDE-**9874RB**
CD RECEIVER / iPod® CONTROLLER

• 4 x 45W High Power Amp • CD-R/-RW/MP3 Playback • Full Speed connection for iPod touch, iPod nano and all iPod models with dock connector • Front AUX input (mini jack) • LCD Display • Bluetooth Ready • Full Speed AUX input • Quick Search • Steering Wheel Remote Control Ready • 2 PreOuts • Rotary Encoder

CDE-9874RR

CDE-9874R

CDE-**9872R**
CD RECEIVER / iPod® CONTROLLER

• 4 x 45W High Power Amp • CD-R/-RW/MP3 Playback • Full Speed connection for iPod touch, iPod nano and all iPod models with dock connector • Bluetooth Ready • Full Speed AUX input • Quick Search • Steering Wheel Remote Control Ready • 1 PreOut

CDE-9872RM

Three Popular Classics

DVA-9965R DVD TUNER

• DVD-R/-RW/CD-R/-RW/WMA/MP3 Playback • Bass Engine Pro • GlideTouch control • Vivid BioLite Display • Amp-less design • 24-bit DAC • Quick Search • Dolby Digital and DTS Playback • Multicolor Illumination • MediaXpander • 3 PreOuts (4 volt) • Steering Wheel Remote Control Ready • Vehicle Display Interface Ready • Ready for iPod with KCA-420i • Optical output

DVA-9861Ri DVD RECEIVER / iPod® CONTROLLER

• 4 x 50W High Power Amp • DVD±R/±RW/CD-R/-RW/WMA/MP3 Playback • Full Speed connection for iPod (cable included) • 24-bit DAC • Quick Search • Dolby Digital and DTS Playback • 2 illumination colours selectable (blue/red) • MediaXpander • 3 PreOuts (4 volt) • Steering Wheel Remote Control Ready • Vehicle Display Interface Ready • Optical output

CDA-9812RB CD RECEIVER

• 4 x 60W High Power Amp • CD-R/-RW/MP3/WMA Playback • Bass Engine Pro • MediaXpander • Motorised Swing Face • Quick Search • Ai-NET • Steering Wheel Remote Control Ready • 3 PreOuts (4 volt) • Remote Control Included

Add On and Build Up Your System

Alpine offers a wide variety of add-on components and products to give you even more features, functions and convenience.

KCE-350BT Bluetooth INTERFACE
• Hands-free operation with compatible Bluetooth phones • Connects through Full Speed connection

KTP-445 HEAD UNIT POWER PACK
• 4 x 100W MAX • Works with all 2005 - present Alpine head units • Plug & Play installation (no additional wiring required) • Compact size (fits easily inside dashboard of most vehicles)

Steering Wheel Remote Control Ready

Control over your new Alpine system is always in reach with this convenient feature. You can upgrade to an Alpine head unit, yet still have the convenience and familiarity of using your existing steering wheel remote controls.

KCE-422i
iPod FULL SPEED CONNECTION CABLE
• For connecting an iPod to a Full Speed Head Unit

KCE-236B
FULL SPEED TO MINI-JACK ADAPTER
• For connecting a portable MP3 player or similar to a Full Speed Head Unit

KCA-235B
Ai-NET TO MINI-JACK INTERCONNECTOR
• To connect a portable MP3 player or similar to an Ai-NET Head Unit

KCE-220UB
USB EXTENSION CABLE
• To connect USB memory sticks

CHA-S634
6-DISC CD / MP3 CHANGER
• Ai-NET Control • Mounting Angle 0°-90°

Vehicle Display Interface Ready

Get a new head unit, and still keep your display! Whatever car you own, Alpine has an interface that lets you see information from your iPod and other sources, including RDS information and other important settings.

Head Unit Model Overview

	FULL SPEED	MP3	Steering Remote Control Ready	Ready	Rotary Encoder	USB PLAYBACK	AAC	24 bit D/A CONVERTER	Ai-NET	VEHICLE DISPLAY INTERFACE	Ready	BioLite	
CDA-9887R	●	●	●	●	●	Requires KCA-620M	●	●	●	●	inside	●	4 x 60W MAX
CDA-9886R	●	●	●	●	●	●	●	●	●	●	●	●	4 x 50W MAX
CDA-9884R	●	●	●	●	●	●	●	●	●	●	●	●	4 x 50W MAX
CDE-9882Ri	●	●	●	●	●	●	●						4 x 50W MAX
CDE-9880R	●	●	●	●	●	●	●						4 x 50W MAX
CDE-9874RB/RR/R	●	●	●	●	●								4 x 45W MAX
CDE-9872R/RM	●	●	●	●									4 x 45W MAX
Required Accessory	KCE-422i		ask your dealer	KCE-350BT		KCE-220UB				ask your dealer	PXA-H100	● = cable included	

* Latest generation iPods (iPod nano 3rd generation, iPod classic and iPod touch) are only partially supported as of December 2007. Please ask your Alpine dealer for more information on functionality and latest firmware status.

Guide Your Ride

Two advanced components merge into one integrated navigation system. Just dock the PMD-B200P into the IVA-W505R or IVA-W205R and get portable navigation with a full-featured Mobile Media Station.

IVA-W505R

2DIN MOBILE MEDIA STATION

• 4 x 50W High Power Amp • 7" WVGA Touch Screen display • DVD±R/±RW/MP3/AAC/WMA/DivX Playback • Built-in PMD-B200P dock • USB connection for iPod (iPod classic 5G/6G, iPod touch, iPod nano 1G-3G), selected MP3 players using MTP protocol and USB memory sticks • iPod video content playback and album artwork display • Full Speed connection for all iPod models with dock connector • IMPRINT Ready • 24-Bit DAC • Bluetooth Ready with Audio Streaming • LLC Visual Enhancement system • Full Speed AUX Input • Quick Search • Ai-NET • 3 PreOuts • 2 PreIns for PXA-H100 • Remote Control Ready • 1 AUX input / 1 AUX output • Rear camera input • DVD-Audio 2ch down-mix • Steering Wheel Remote Control Ready • Vehicle Display Interface Ready

Dual Display Modes

Our all new user interface provides two convenient operating modes, giving you a choice of what you want to see and how much information you want displayed. The Basic mode shows you current song info and playing time, while the Pro mode also shows the upcoming five songs, allowing you to easily jump ahead.

Step Up To IMPRINT Sound

With the optional PXA-H100 IMPRINT Sound Processor, you can automatically fix in-car acoustical problems, or use the manual tuning controls to precisely correct and enhance the sound yourself. The result? Authentic music reproduction virtually identical to the original.

Bright, Brilliant Display

The WVGA display gives you bright, exceptionally high-resolution, high-quality video display, and even features Visual Enhancement for greater clarity in excessively dark or light movie scenes.

Standard display   With Visual Enhancement

Play Your iPod® Music and Movies

Bring your iPod along for the ride and enjoy your portable music collection on the road with the full clarity and power of your audio system. What's more, you can play your iPod movies and watch them in brilliant full colour on the high-resolution display.

* Latest generation iPods (iPod nano 3rd generation, iPod classic and iPod touch) are only partially supported as of December 2007. Please ask your Alpine dealer for more information on functionality and latest firmware status.

✈blackbird
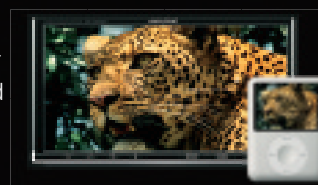
PMD-B200P
PORTABLE NAVIGATION SYSTEM

• 4" Wide Touch Screen Display • Direct Docking with IVA-W505R and IVA-W205R • Built-in Bluetooth module for hands-free mobile phone operation • 2D and 3D map display • Turn-by-turn guidance selectable • Split screen display • Built-in TMC tuner with wide European coverage* • Broad European map coverage featuring NAVTEQ mapping data* • 7 digit UK postcode search • Card slot for SD or MMC cards • Built-in MP3 music player with Quick Search

* For detailed information, visit: www.alpine-europe.com

NAVTEQ ON BOARD   TMC   V-TRAFIC   Trafficmaster

Ready To Go Wherever You Go

Go wherever you want to go – Alpine and the PMD-B200P Blackbird will help you get there. This pocket-size navigation unit is the perfect travelling companion. Take it on a business trip, use it in a rental car, share it with your family – it provides all the guidance you need to get you safely to your destination.

Touch Screen Operation

The high-resolution 4" monitor not only gives you bright, sharp view of maps and menus, it lets you control everything by simply touching the on-screen buttons, for faster, easier operation and more fun, too.

🅱 Bluetooth®

Bluetooth Built-in

The PMD-B200P is ready to work with your Bluetooth-enabled mobile phone, giving you hands-free calling – either stand-alone or when docked. Docking with the IVA-W505R or IVA-W205R also lets you hear the caller's voice from the car speakers and use the built-in mic.

Three Ways To Go

Three different guidance modes/displays provide even greater navigation convenience – showing just what you want to see, the way you want to see it.

| Map Display | Turn-by-Turn Display | Split Screen Display |

IVA-W205R
2DIN MOBILE MEDIA STATION

• 6.5" QVGA PulseTouch Display • 4 x 50W High Power Amp • DVD±R/±RW/MP3/WMA Playback • 24-Bit DAC • Built-in PMD-B200P dock • Full Speed connection for all iPod models with dock connector • 1 A/V Input / 1 A/V Output • DVD-Audio 2ch down-mix • Quick Search • Processor Control Ready • Optical output • 3 PreOuts • Bluetooth Ready • Reversing camera input • Remote Control Ready • Steering Wheel Remote Control Ready • Vehicle Display Interface Ready

### Direct Docking with PMD-B200P

The IVA-W205R is all ready to Dock 'n' Roll – with a built-in dock that lets you insert the PMD-B200P and equip your Mobile Media Station with navigation. All maps and menus are controllable from the large PulseTouch display, giving you the best of both worlds: portable convenience and operating ease.

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Compact Size, Complete Control

Our compact 1DIN Mobile Media Stations give you full control over your entire system, large displays, plus a wealth of advanced entertainment features.

This comprehensive yet compact Mobile Media Station is equipped to play your DVDs, as well as compressed media, such as DivX videos.
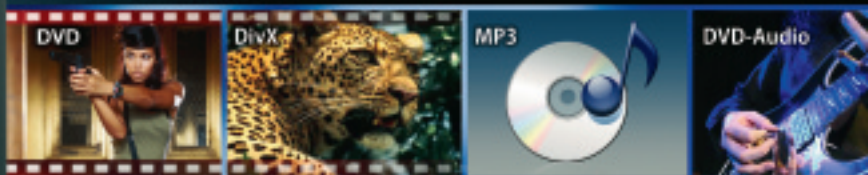
IVA-D106R

1DIN MOBILE MEDIA STATION

• 4 x 50W High Power Amp • 7" QVGA Touch Screen display • DVD±R/±RW/ MP3/AAC/WMA/DivX Playback • Full Speed connection for all iPod models with dock connector • iPod video content playback • IMPRINT Ready • 24-Bit DAC • Bluetooth Ready with Audio Streaming • Visual EQ • Full Speed AUX Input • Quick Search • Ai-NET • 3 PreOuts • 2 PreIns for PXA-H100 • Remote Control Ready • 1 AUX input / 1 AUX output • Rear camera input • Steering Wheel Remote Control Ready • Optional iPod Full Speed cable for iPod audio/video playback available: KCE-430iV

Fill Your Car With IMPRINT Sound

By adding on the PXA-H100 IMPRINT Sound Processor, you can automatically fix in-car acoustical problems, or use the manual tuning controls to precisely correct and enhance the sound yourself.

Plays iPod® Music And Videos

Enjoy your iPod music in the car with high-quality Alpine sound – plus play your iPod movies and watch them in brilliant full colour on the high-resolution display.

Your iPod® at Full Speed

Get super-fast data access, top-quality sound, as well as compatibility with previous iPod models – plus convenient Quick Search and Percentage Search features for browsing through your music.

Navigation Touch Control

Connect the NVE-N099P DVD navigation system and get full touch control over navigation functions and data entry, with the on-screen virtual keyboard and other controls.

* Latest generation iPods (iPod nano 3rd generation, iPod classic and iPod touch) are only partially supported as of December 2007. Please ask your Alpine dealer for more information on functionality and latest firmware status.

FULL SPEED

KCE-430iV
iPod VIDEO CABLE FOR IVA-D106R

If you're looking for the most accurate, most feature-filled, most comprehensive navigation system, your search is over. Alpine leads the way in navigation, and this is our best system ever.

DVD CAR NAVI

NVE-**N099P**

DVD CAR NAVIGATION SYSTEM

• 28 Western and Eastern European Countries covered on DVD*
• Built-In TMC Tuner providing Advanced TMC Functions for 11 European Countries* • TMC Event List and Event Voice • High Quality Voice Guidance in 12 Languages* • 3D Motorway Junction Guidance in 12 European Countries* • Lane Guidance in large Cities* • Compatible with PulseTouch Displays and Touch Screen Monitors • Integrated Gyro Sensor • Remote Control included

* For detailed information, visit: www.alpine-europe.com

Fast and Accurate

Powerful navigation processor performs complex calculations in just seconds. No waiting, unrivaled accuracy – you're always given the best route.

NVD-**Z004**

SMART MAP PRO
NAVIGATION SOFTWARE

3D Landmark Icons

Alpine helps you recognise the on-screen navigation 'landscape' with 3D Landmark Icons for many major buildings and famous sights.

Smart City Map

Distinguishes between types of streets and shows their names, making it much easier to see where you are and follow your route.

Smart City Map

Comprehensive TMC Coverage

Get TMC throughout Western Europe, with Traffic Vision (alerting to conditions ahead), Highway Mode (upcoming restaurants, parking, etc.), and Dynamic Route Guidance (automatic route changes when TMC detects trouble).

3D View

Shows the area ahead as if seen from an elevated position for easy understanding, and includes zooming for more details.

3D View

Large POI Database

Huge database includes hundreds of thousands of POIs (Points Of Interest) all over Europe – hotels, restaurants, sightseeing spots and much more.

3D Motorway Junction Guidance

Shows junctions in a 3D view beforehand, ensuring you make the right turn. A Dual Display feature lets you choose two different displays for viewing.

3D Motorway Junction Guidance

Intersection Zoom

Shows a close-up of the upcoming intersection so you can drive with greater confidence.

Map Coverage		Guidance Languages
A	AND	CZECH
B	CH	GERMAN
CZ	D	DANISH
DK	E	HUNGARIAN
F	FIN	SPANISH
FL	GB	FRENCH
H	I	ENGLISH
IRL	L	ITALIAN
MC	N	POLISH
NL	P	DUTCH
PL	RSM	SWEDISH
S	SK	SLOVAKIAN
V	RO	
HR	SLO	

IVA-**W502R** — **2DIN MOBILE MEDIA STATION**
• Same features as IVA-W505R, but without built-in PMD-B200P dock. See page 12 for more details

IVA-**W202R** — **2DIN MOBILE MEDIA STATION**
• Same features as IVA-W205R but without built-in PMD-B200P dock. See page 13 for more details

Ultimate Factory System Upgrade

Are you getting everything you want out of your factory system? If not, Alpine gives you a great and easy way to build up your system for new features and better sound – and still keep your factory system intact.

VehicleHub Pro

Upgrade your current system for greater versatility, stay on top of the latest media and sources, and get easy, comprehensive control.

VPA-B222R

VEHICLEHUB PRO

• FM/MW/LW MaxTune Tuner • Ai-NET Input • 4 x 50W High Power Amplifier • 1 Video Output and 2 A/V Inputs • VPE-S431 Video Switcher/Expansion Module Input • NAVI RGB Input and NAVI Voice Mix • 3 PreOuts • ORB: Dual illumination

Full System Control with the ORB

VehicleHub Pro is the best way to equip your car with the latest components and greatest sound – and still keep your factory system's looks and functionality. Add any entertainment or navigation source you want, and control all your new components with the unique, easy-to-use ORB controller.

Upgrade to More Features, Better Sound

Add DVD navigation, digital TV, and other sources such as DVD or MP3, with the DHA-S690 DVD/CD Changer. Connect and control your iPod with the KCE-425i interface – then listen to your music and even watch iPod videos on your system. Add amps, speakers, subwoofers and audio processors as well, to get the biggest and best sound you can have in your car.

Fits Many Vehicles

Alpine has multimedia interfaces that let you connect the VehicleHub Pro to a wide range of factory head units having a built-in video display.

Want to add more sources to your system? Here's an affordable and highly flexible source manager that lets you connect virtually any source you want, and keep your system intact.

VehicleHub

VPA-B211P
VEHICLEHUB

• Ai-NET Input • NAVI RGB Input and NAVI MIX • 1 A/V Output and 2 A/V Inputs • Dedicated Rear View Camera Input with Automatic Switching Function • VPE-S431 Video Switcher / Expansion Module Input • Included Remote Eye and Remote Control
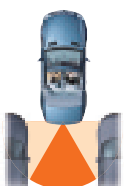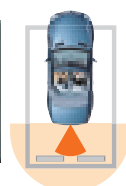
Drive Assist Camera Systems

Alpine has helpful components that aid you in your daily driving. Our Drive Assist Camera Systems let you see what you can't see, such as objects in your 'blind spots' – making it easier to park, reverse and manoeuvre in tight spaces. Add on a front extension kit to monitor the front of the vehicle as well.
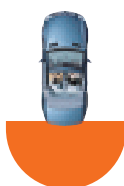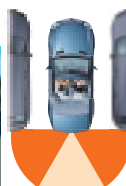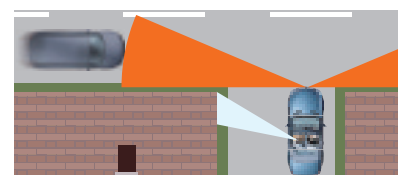
Panorama View

Top View

Provides better visibility when coming out of 'blind' alleys or around obstructed corners.

Rear View

Corner View

Lets you see right in front of your car to help in parallel parking and other situations.

HCE-C200R
MULTI-VIEW REAR CAMERA SYSTEM
• Ultra wide angle camera with mounting kit • 4 viewing modes: corner view, top view, panorama view, rear view • Includes control switch and black-box

HCE-C200F
MULTI-VIEW FRONT CAMERA EXTENSION KIT
• Requires HCE-C200R for operation • 3 viewing modes: corner view, top view, panorama view • Includes mounting kit

HCE-C105
REVERSING CAMERA • Super-Compact design for easy installation • Wide 138-degree Field of View • Size: 23.3mm x 23.4mm x 22.6mm

DVB Digital TV Tuners

Sharp, Noise-free Digital TV Reception

Alpine's DVB Digital TV Tuners deliver exceptionally clear picture quality and improved reception of high-quality digital TV broadcasts – and include convenient Auto Scan and Smart MFN functions for consistent reception.

TUE-T150DV
MOBILE DIGITAL TV RECEIVER (DVB-T)
• Multi Language On Screen Display • Auto Search • EPG/Tele Text • 2 Ch Antenna Diversity System • Remote Control Included • 1 A/V Input • S-Video Output • DVB ID Number 4314 • Remote Out cable

TUE-T200DVB
MOBILE DIGITAL TV RECEIVER (DVB-T)
• Multi Language On Screen Display • Auto Search • EPG / Tele Text • 2 Ch Antenna Diversity System • Remote Control Included • 2 x RCA Connectors for A/V Input • CI slot • DVB ID Number 3610

KAE-205DV ACTIVE DVB-T SCREEN ANTENNA SET
• Full VHF and UHF Reception (40-800MHz) • Amplification +16dB • Two 5m cables with Angled F-Type Plugs

KAE-210DV ACTIVE DVB-T ANTENNA SET
• Full VHF and UHF Reception (174-230MHz, 470-863MHz) • Low Noise Amplifier • 5m cable with F-Type Plugs • LED Power Indicator • GSM Filter

Trademark of the DVB Digital Video Broadcasting Project (1991-1996)

Analogue TV Tuners

TUE-T252TX
MOBILE STEREO-TV TUNER (PAL/SECAM)
• Multi Language On Screen Display • Auto Memory • Tele Text • 4 Ch Antenna Diversity System • Remote Control Included • RCA Connectors for A/V Input • Antenna Included

TUE-T112P
MOBILE TV-TUNER (PAL)
• Auto Memory • 4 Ch Antenna Diversity System • Remote Control Included • Two RCA Connectors for A/V Input • Headphones Output • Antenna Included

Make Any Car Sound Like an

No matter what your vehicle, you can fine-tune the acoustics to get the most accurate sound possible in your car. IMPRINT Sound gives you all of the music, virtually identical to the original.

Advanced acoustic correction and precise signal processing that cancels out in-car distortions – restoring the sound and improving the performance of any factory audio system.

PXE-H650

SYSTEM INTEGRATION AUDIO PROCESSOR

• Advanced factory audio system integration and tuning processor
• High/Low level, Auto-Ranging & Auto-Summing input • 24-Bit DAC • AntEQ sound correction • Audyssey MultEQ XT sound optimisation • Time Correction, Phase Correction, Parametric EQ & HP/BP/LP/Subsonic filters

All-in-one Solution

In the past, upgrading a factory radio to make a top-notch system required three devices: a level converter, and two processors, one to cancel the factory settings and the second to make new settings. The PXE-H650 does all of those jobs AND vastly improves the sound quality – inexpensively, too.

Audyssey MultEQ

The core of Alpine's IMPRINT technology is Audyssey MultEQ – a sophisticated processing system that corrects the acoustical problems in the car that conventional processors can't fix, for professional sounding clarity and imaging.

Connects to Any Factory Radio

Processing the factory radio signal requires conversion of the signal, a potentially complicated process. The PXE-H650 is capable of handling a wide range of input levels, from speaker level to pre amps, allowing you to easily connect to any factory radio system.
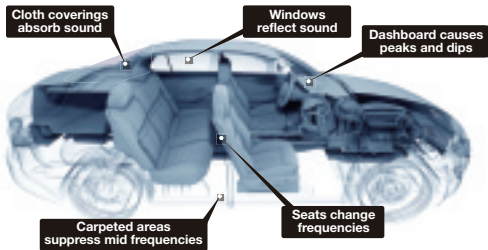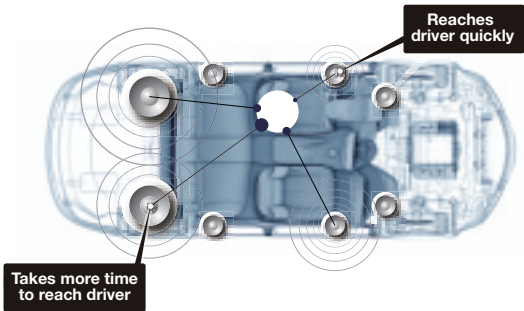
Awesome Result in Minutes

Even with its ultra-sophisticated technology, the PXE-H650 is remarkably easy to use, and makes your car sound perfectly tuned – as if a professional spent days working on it. Yet with IMPRINT, you can have the best sound possible in your car – in just minutes!

Alpine

The Music You Expect to Hear

You love music and you know good sound when you hear it. When you play your music on an audio system, you expect to be able to hear it with all the power, clarity and subtle expressive nuances of the original. Unfortunately, nothing dashes those expectations more thoroughly than the sonic environment of the car.

Reaches driver quickly

Takes more time to reach driver

Cloth coverings absorb sound

Windows reflect sound

Dashboard causes peaks and dips

Carpeted areas suppress mid frequencies

Seats change frequencies

Poor Acoustics in the Car

The car interior is full of materials that actively distort and degrade the sound. Windows amplify and reflect high frequencies. Seat and dashboard coverings change certain frequencies. Carpets absorb and suppress mid frequencies. These problems are far too complex to be solved by simple equalisation. In addition, since the speakers are located at different distances from the listeners, the sound stage created in the car is unbalanced and asymmetrical.

IMPRINT Sound Optimisation

Magnitude (db)

0
-10
-20
-30

20   50   100   200   500   1k   2k   5k   10k   20k

Frequency (Hz)

Detail of Control Points
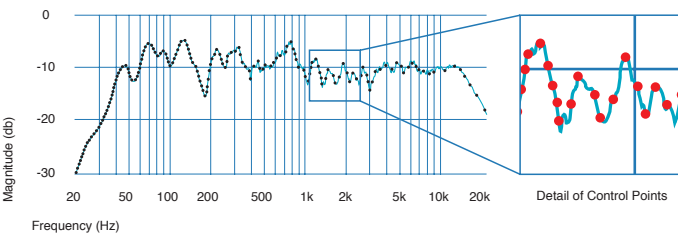
Getting the Sound Right

antEQ

The acoustical problems inside the car are overwhelming, and no system has been able to truly correct them – until now. Alpine's sophisticated IMPRINT Sound technologies, including AntEQ and MultEQ, provide a hardware/software combination that not only solves these problems, but actually improves the sound stage, tonal balance and definition – automatically, in a matter of minutes!
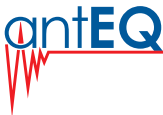
The Technology behind IMPRINT Sound

AUDYSSEY MULTEQ XT

Behind the innovative IMPRINT Sound processing is a key technology called MultEQ. It analyses the acoustic characteristics of your car interior, and then creates a set of equalisation filters to correct for frequency response and time delay problems for each speaker in your car. MultEQ applies processing to over 500 specific frequencies in the audio spectrum, correcting the sound to perfectly match your listening environment with incredible precision. The result is that everyone in the car hears the music with superb clarity and imaging.

Typical Cabin Response

Inverse Filter Response

Corrected Sound with IMPRINT

Sample System

SPX-17PRO

SPX-17PRO

Factory Radio

PXE-H650

PDX-4.150

PDX-1.1000

SWX-1243D

SPX-17PRO

SPX-17PRO
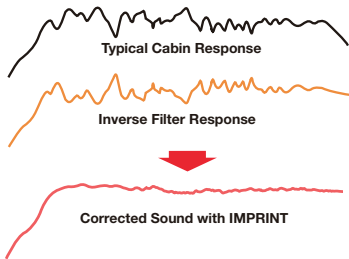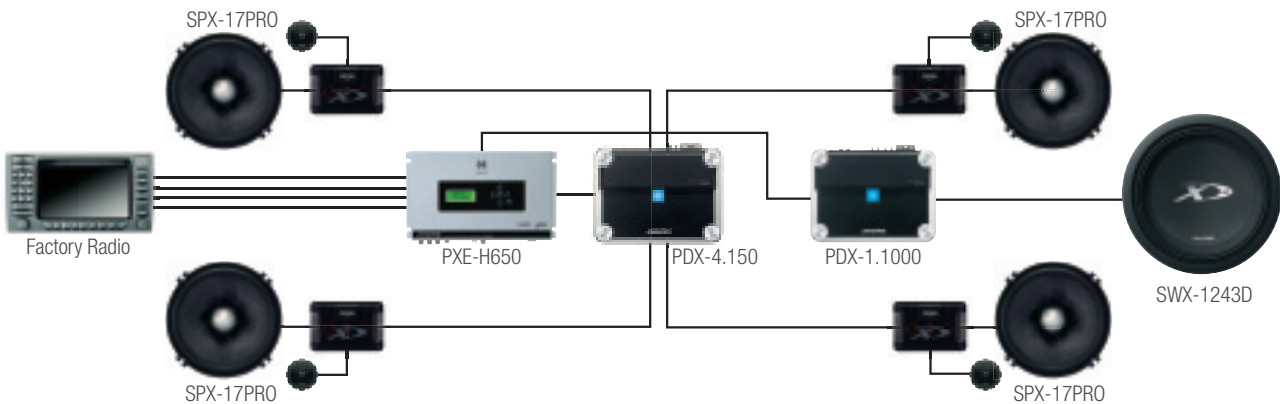
Enormous Power and Superior

Alpine has a full lineup of outstanding sound system solutions that provide huge power with top-of-the-line sound quality – high-end amp and speaker systems to transform your in-car entertainment experience.

Enormous Power in a Compact Size
Designed for the audio enthusiast, the ultra compact PDX series amplifiers deliver enormous power output and sound quality while operating at 90% efficiency.

High Power, High Sound Quality
PDX amplifiers deliver exceptionally accurate, clear sound with high power. The advanced power supply, Class-D design, and switch-mode digital amplification allow these amps to stay extremely efficient at all power levels.

switch-mode DIGITAL

Small Footprint
For all the sound they deliver, the PDX amps are incredibly compact – packing huge amount of power in a tiny chassis for maximum installation flexibility.

New 5-channel Amplifier
Our all-new 5-channel design allows you to build a total system using only one PDX amplifier.

Stack 'em Up
The PDX amplifiers feature a smart, unique stacking design, allowing them to be stacked vertically on top of one another – and save space in your car.

	PDX-1.1000	PDX-1.600	PDX-5	PDX-4.150	PDX-4.100	PDX-2.150
Output Channels	Mono	Mono	5 Channels	4 Channels	4 Channels	2 Channels
Max Power Output [@14.4V]	1 x 2200W	1 x 1500W	1200W (2/4Ω)	880W	800W	440W
RMS Power Output [@14.4V 1%THD]	1 x 1000W (2/4Ω)	1 x 600W (2/4Ω)	4 x 75W (4Ω) + 1 x 300W (2Ω)	4 x 150W (2/4Ω) 2 x 300W (4Ω)	4 x 100W (2/4Ω) 2 x 200W (4Ω)	2 x 150W (2/4Ω) 1 x 300W (4Ω)
Amplification Circuit	Class-D	Class-D	Class-D	Class-D	Class-D	Class-D

Common Features • Switch-Mode Digital Topology (Full Range models only) • Ultra Efficient, Compact Design • Stacking Installation Ready • Low Resistance, High Current Speaker Terminals

Sound

Step up to the best. The Type-X Series speakers and subwoofers utilise our top technology to give you the highest possible quality sound in your car.
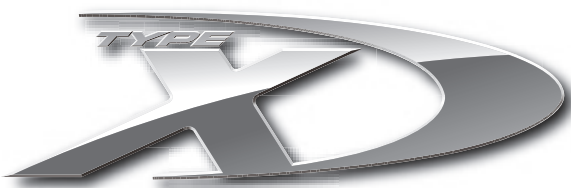
Type-X PRO Series

Alpine's top-of-the-line Type-X PRO speakers provide flawlessly accurate, highly detailed reproduction of all types of music, with an ultra-high-end woofer, a ring radiator tweeter and an audiophile-grade network for ultimate sonic customisation.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SPX-**17PRO** 6-1/2" (16.5cm) COMPONENT 2-WAY SPEAKER	300W	100W	4Ω	35Hz-40kHz
SPX-**13PRO** 5-1/4" (13cm) COMPONENT 2-WAY SPEAKER	240W	80W	4Ω	45Hz-40kHz

Common Features
• Cross-Cut Woofer Cone • Non-Resonant Suspension Coupling • 1.25" Ring Radiator Tweeter • Audiophile-Grade Network with compact design • Allows for hundreds of possible tuning settings • Bi-amping capability

Type-X Reference Series

This series gives you Type-X quality in a more affordable system, with a reference woofer, ring dome tweeter and a reference-grade network for making detailed system settings.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SPX-**17REF** 6-1/2" (16.5cm) COMPONENT 2-WAY SPEAKER	225W	75W	4Ω	40Hz-40kHz
SPX-**13REF** 5-1/4" (13cm) COMPONENT 2-WAY SPEAKER	180W	60W	4Ω	50Hz-40kHz

Common Features
• Cross-Rib Aluminium Cone • High-grade Neodymium magnet • Ring Dome Tweeter • Reference-Grade Network with compact design • Allows for hundreds of possible tuning settings • Bi-amping capability

Component or Coaxial – Have It Your Way
Includes a special centre tweeter bridge that lets you easily turn your component speaker into a coaxial for greater installation flexibility.

Type-X Subwoofers

These top-of-the-line subwoofers deliver exceptionally powerful, yet tight and accurate bass. Their ultra-high performance and efficiency comes from an ultra-lightweight cone and large strontium magnet, and include a unique venting system for better cooling. High-amplitude Multi Roll Surround ensures maximum power and highest sound quality. Easy-access terminals make for easy installation while the concealed mount gaskets give a sleek, professional look.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SWX-**1243D** 12" (30cm) SUBWOOFER	3000W	1000W	4Ω+4Ω	24Hz-200Hz
SWX-**1043D** 10" (25cm) SUBWOOFER	3000W	1000W	4Ω+4Ω	26Hz-200Hz

Common Features
• High-strength Kevlar-Rohacell Cone • Large Strontium magnet • High-Amplitude Multi-Roll Surround • Gold-plated Easy-Access Terminals for heavy-gauge speaker wires • Easy jumper configuration

Power Up Your Sound

Designed for high performance and value, Alpine's wide selection of sound system solutions provide powerful, high-quality sound for every vehicle.

Power up your system with Alpine's V-Power amplifiers. These amps provide outstanding power output, flexibility and value with a bold, stylish design.

V-POWER™

Best Bass Performance
V-Power amps have a special Bass EQ function that boosts the bass frequencies and maximises the bass performance of your system.

Clean, Efficent Power
Alpine's high-power mono amp Class-D design makes for far greater efficiency, giving you more power, cleaner signal and a tighter, deeper bass.

Easy Upgrade and Other Cool Features
Keep your factory system and step up to Alpine sound. The V-Power speaker level inputs connect directly to any factory radio, without the need for external converters. The advanced Thermal Management Processor provides thermal protection, keeping the amp cool and letting you play long.

	MRP-M2000	MRP-M1000	MRP-M500	MRP-M352	MRP-F600	MRP-F300	MRP-F242	MRP-T222
Output Channels	Mono	Mono	Mono	Mono	4 Channels	4 Channels	4 Channels	2 Channels
Max Power Output [@14.4V]	TBA	1900W	1100W	700W	1320W	640W	360W	250W
RMS Power Output [@14.4V 1%THD] *0.3%THD **0.08%THD	1 x 2000W (2Ω) 1 x 1500W (4Ω)	1 x 1000W (2Ω) 1 x 600W (4Ω)	1 x 500W (2Ω) 1 x 300W (4Ω)	1 x 350W (2Ω) 1 x 200W (4Ω)	4 x 150W (2Ω) 4 x 100W (4Ω) 2 x 300W (4Ω)	4 x 75W (2Ω) 4 x 50W (4Ω) 2 x 150W (4Ω)	4 x 50W (2Ω)* 4 x 40W (4Ω)** 2 x 100W (4Ω)*	2 x 70W (2Ω)* 2 x 50W (4Ω)** 1 x 140W (4Ω)*
Amplification Circuit	Class-D	Class-D	Class-D	Class-D	Class-A/B	Class-A/B	Class-A/B	Class-A/B

Common Features • Speaker Level inputs • Sound Quality and Performance Value Design • Thermal Management Processor

Type-R speakers and subwoofers are designed and built to play loud and accurate, plus deliver excellent bass performance.

Type-R Component Series

Made to fit your car and your music, the Type-R Component Series play loud and deep with big bass. The included crossover network lets you install the tweeter where you want it and adjust it for the best level.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SPR-17S 6-1/2" (16.5cm) COMPONENT 2-WAY SPEAKER	330W	110W	4Ω	65Hz-27kHz
SPR-13S 5-1/4" (13cm) COMPONENT 2-WAY SPEAKER	300W	100W	3.6Ω	70Hz-27kHz

Common Features
• Fine-tuned multi-layer cone • Linear Drive motor structure • Mounting adapters • 1" swivel ring tweeter • Professional grade network with 7-step tweeter level adjustments

Type-R Coaxial Series

Type-R Coaxial provides the same powerful, high-quality Type-R sound in an easy-to-install coaxial configuration. Get deep, powerful bass along with accurate high-frequency clarity.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SPR-17C 6-1/2" (16.5cm) COAXIAL 2-WAY SPEAKER	300W	100W	4Ω	65Hz-27kHz
SPR-13C 5-1/4" (13cm) COAXIAL 2-WAY SPEAKER	270W	90W	3.6Ω	70Hz-27kHz
SPR-69C 6 x 9" (16x24cm) COAXIAL 2-WAY SPEAKER	300W	100W	4Ω	60Hz-27kHz

Common Features
• Fine-tuned multi-layer cone • Linear Drive motor structure • Heavy gauge custom stamped steel frame • Swivel tweeter

Type-R Subwoofers

Advanced materials and design, along with efficient cooling technologies, give these subwoofers huge power handling capacity – for powerful, tight, accurate bass. Installation is clean and easy, thanks to the push terminals and concealed mount gasket.

Common Features
• Kevlar-Reinforced Carbon Fibre Cone • Aluminium honeycomb • Kevlar-reinforced pulp for maximum strength • High-efficiency thermal management • High-Amplitude Multi-Roll Surround • Heavy-gauge push terminals

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SWR-1542D* **SWR-1522D**** 15" (38cm) SUBWOOFER	2000W	750W	*4Ω+4Ω **2Ω+2Ω	*20Hz-400Hz **18Hz-400Hz
SWR-1242D* **SWR-1222D**** 12" (30cm) SUBWOOFER	1500W	500W	*4Ω+4Ω **2Ω+2Ω	*25Hz-500Hz **23Hz-500Hz
SWR-1042D* **SWR-1022D**** 10" (25cm) SUBWOOFER	1500W	500W	*4Ω+4Ω **2Ω+2Ω	*26Hz-600Hz **24Hz-600Hz

23

Great Sound, Amazing Value

Want to upgrade your car to powerful, high-quality sound but not break the bank? Alpine has a wide range of easy-to-install speakers and subwoofers that give you excellent performance at an affordable price.

Tap into Alpine's advanced speaker technology and equip your car with superior sounding, powerful, yet inexpensive Type-S speakers and subwoofers.

Type-S Speakers

Stylish look, superb sound and the best value on the market – Type-S give you flexible mounting options and fit any vehicle with top-quality Alpine sound.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SPS-**171A** 6-1/2" (16.5cm) COMPONENT 2-WAY SPEAKER	250W	50W	4Ω	35Hz-30kHz
SPS-**69C3** 6x9" (15x23cm) COAXIAL 3-WAY SPEAKER	250W	50W	4Ω	30Hz-30kHz
SPS-**69C2** 6x9" (15x23cm) COAXIAL 2-WAY SPEAKER	250W	50W	4Ω	30Hz-30kHz
SPS-**57C2** 5x7" (12.5x17.5cm) COAXIAL 2-WAY SPEAKER	250W	50W	4Ω	35Hz-30kHz
SPS-**17C2** 6-1/2" (16.5cm) COAXIAL 2-WAY SPEAKER	250W	50W	4Ω	35Hz-30kHz
SPS-**13C2** 5-1/4" (13cm) COAXIAL 2-WAY SPEAKER	175W	35W	4Ω	45Hz-30kHz

Common Features
• Advanced motor structure with 30mm voice coil, using rectangular wire for high power handling • Multi-layer cone with high X-Max • Many tweeter mounting options (SPS-171A) • Swivel tweeter (Coaxial models)

Type-S Subwoofers

These subwoofers deliver exceptionally powerful, accurate bass, and feature a shallow design, allowing installation in even difficult locations.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SWS-**1243D***/-**1223D**** 12" (30cm) SUBWOOFER	900W	300W	*4Ω+4Ω **2Ω+2Ω	27Hz-700Hz
SWS-**1043D***/-**1023D**** 10" (25cm) SUBWOOFER	900W	300W	*4Ω+4Ω **2Ω+2Ω	31Hz-700Hz

Common Features
• Aluminium coated cone • Advanced airflow system • Stamped steel basket with leg vents for cooling • Push terminals • Concealed mount gasket • Shallow mounting depth

Powered Subwoofer Boxes

150W Peak Power
SWE-**1000**
8" (20cm) POWERED SUBWOOFER BOX
• Low Pass Filter: 50Hz-125Hz (-12dB/oct)

350W Peak Power
SWD-**3000**
12" (30cm) POWERED SUBWOOFER BOX
• Low Pass Filter: 35Hz-200Hz (-24dB/oct)

1500W Peak Power
SBR-**1242SB**
READY TO USE SEALED SUBWOOFER BOX
• 500W RMS • 12" (30cm) Type-R Subwoofer SWR-1242D included • Subwoofer designed and engineered in the USA

800W Peak Power
SBE-**1243BR**
READY TO USE BASS REFLEX SUBWOOFER BOX (4Ω)
• 250W RMS • 12" Type-E Subwoofer
• Frequency Response: 28Hz - 200Hz
• Acrylic window with blue illumination

800W Peak Power
SBE-**1243BP**
READY TO USE BAND-PASS SUBWOOFER BOX (4Ω)
• 250W RMS • 12" Type-E Subwoofer
• Frequency Response: 28Hz - 200Hz
• Acrylic window with blue illumination

Multi-Channel Products

RUX-**C701**
CONTROLLER FOR PXA-H701
• In-dash controller for use with PXA-H701 in stand-alone mode
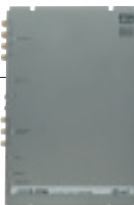
PXA-**H701**
MULTIMEDIA MANAGER™
• Digital Time Correction • Dolby® Digital, DTS® Official Surround Decoding and Dolby Pro Logic II • 31 Band/Ch Graphic EQ or 5 Band/Ch Parametric EQ • Digital Crossovers • Stand-alone Operation with RUX-C701

The Type-E and Custom Fit speaker lineups provide excellent value, with high quality, performance and installation ease at affordable prices.

Type-E Speaker Series

Highly efficient, these speakers can be powered from the head unit, giving you excellent full-range performance – solid bass with crisp, clear highs. The extremely shallow design (SPE-20SF/-17SF) allows mounting in any vehicle, even those with narrow doors.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SPE-20SF 8" (20cm) COMPONENT 2-WAY SPEAKER	240W	30W	4Ω	30Hz-25kHz
SPE-17SF 6-1/2" (16.5cm) COMPONENT 2-WAY SPEAKER	210W	25W	4Ω	35Hz-25kHz
SPE-17CS 6-1/2" (16.5cm) COMPONENT 2-WAY SPEAKER	210W	35W	4Ω	35Hz-25kHz
SPE-13CS 5-1/4" (13cm) COMPONENT 2-WAY SPEAKER	180W	30W	4Ω	50Hz-25kHz
SPE-69C3 6x9" (15x23cm) COAXIAL 3-WAY SPEAKER	210W	35W	4Ω	30Hz-25kHz
SPE-69C2 6x9" (15x23cm) COAXIAL 2-WAY SPEAKER	210W	35W	4Ω	30Hz-25kHz
SPE-17C2 6-1/2" (16.5cm) COAXIAL 2-WAY SPEAKER	210W	35W	4Ω	35Hz-25kHz
SPE-13C2 5-1/4" (13cm) COAXIAL 2-WAY SPEAKER	180W	30W	4Ω	50Hz-25kHz
SPE-10C2 4" (10cm) COAXIAL 2-WAY SPEAKER	120W	20W	4Ω	55Hz-25kHz

Type-E Subwoofers

Excellent bass performance plus high power handling and efficiency at a surprisingly affordable price.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SWE-1243E 12" (30cm) SUBWOOFER	800W	250W	4Ω	28Hz-1kHz
SWE-1043E 10" (25cm) SUBWOOFER	500W	150W	4Ω	30Hz-1kHz
SWE-843E 8" (20cm) SUBWOOFER	400W	120W	4Ω	34Hz-1.5kHz

Custom Fit Speaker Series

The Custom Fit line are a great value for upgrading your factory system. They provide easy, do-it-yourself installation, including a complete kit with adapters, and are designed to fit in a wide range of cars with minimal installation.

	Peak Power	RMS Power	Nominal Impedance	Frequency Response
SXE-6925S 6x9" (15x23cm) COAXIAL 2-WAY SPEAKER	280W	45W	4Ω	40Hz-20kHz
SXE-5725S 5x7" (12.5x17.5cm) COAXIAL 2-WAY SPEAKER	200W	35W	4Ω	70Hz-20kHz
SXE-4625S 4x6" (10x15cm) COAXIAL 2-WAY SPEAKER	150W	20W	4Ω	90Hz-20kHz
SXE-1750S 6-1/2" (16.5cm) COMPONENT 2-WAY SPEAKER	280W	45W	4Ω	60Hz-20kHz
SXE-1350S 5-1/4" (13cm) COMPONENT 2-WAY SPEAKER	250W	40W	4Ω	60Hz-20kHz
SXE-1725S 6-1/2" (16.5cm) COAXIAL 2-WAY SPEAKER	220W	40W	4Ω	60Hz-20kHz
SXE-1325S 5-1/4" (13cm) COAXIAL 2-WAY SPEAKER	200W	35W	4Ω	70Hz-20kHz
SXE-1025S 4" (10cm) COAXIAL 2-WAY SPEAKER	180W	25W	4Ω	100Hz-20kHz
SXE-0825S 3-1/2" (8.6cm) COAXIAL 2-WAY SPEAKER	150W	20W	4Ω	120Hz-16kHz

Keep Your Kids Entertained

Alpine has a wide lineup of big, bright and beautiful monitors to fill every car entertainment need – headrest, overhead, even monitors with built-in sources.

Bright, extra-large display with ultra-high-resolution, built-in DVD player – the PKG-2000P has everything you need to keep all your passengers satisfied.

PKG-2000P 10.2"

10.2" WVGA OVERHEAD MONITOR WITH DVD PLAYER

• 10.2" WVGA Screen LCD Colour Monitor (1.15 million pixels) • Includes Single Source Wireless Headphone, Cable Harness and Installation Kit with Trim Ring • 1 A/V Output and 3 A/V Inputs (1 Gameport in Monitor Enclosure) • DVD-R/-RW Compatible

Bring All Your DVDs to the Car

Play all your DVD entertainment in the car, and give your rear-seat passengers control, too – with this overhead monitor and built-in DVD player. This full-featured system is truly an all-in-one solution for rear-seat entertainment!

Watch Your iPod® Videos in the Car

Your entertainment options keep getting better. The KCE-415i video interface lets you connect your iPod to any monitor in your car to let your kids enjoy iPod videos.

KCE-415i
iPod® VIDEO INTERFACE
• Provides Basic Control of an iPod with Video Playback Capability By Touch Screen or Remote Control • S-Video or Composite Output

Game port

Versatile Gameport Connection

Long rides don't have to be boring. Alpine has many ways to entertain your riders. The built-in Gameport lets you connect a game console, a video camera (for watching videos you just took), a portable DVD player, or even an iPod for watching iPod videos.

These slim-design overhead monitors feature large, high-resolution displays, come with a headphone set for private listening, and have convenient panel buttons that give your passengers full control.

PKG-1000P
10.2" WVGA OVERHEAD MONITOR

• 10.2" WVGA Screen LCD Colour Monitor (1.15 million pixels) • Includes Single Source Wireless Headphone, Cable Harness and Installation Kit with Trim Ring • 1 A/V Output and 3 A/V Inputs (1 GamePort in Monitor Enclosure)

PKG-850P
8.5" WVGA OVERHEAD MONITOR

• 8.5" WVGA LCD Colour Monitor with 1.15 million pixels • Includes Single Source Wireless Headphone, Remote Control and Installation Kit with Trim Ring • 2 A/V inputs and 1 A/V output

Headrest Monitors

TME-M780
7" WIDE SCREEN MONITOR

• 7" VGA LCD Colour Monitor • 3 A/V Inputs (1 A/V Output Selectable) • Installation Kit Included • IR Transmitter for Alpine Headphones

TME-M780EM: Add-on Display without Black-Box for Dual Monitor Upgrade

TME-M680
5.8" WIDE SCREEN MONITOR

• 5.8" QVGA LCD Colour Monitor • 3 A/V Inputs (1 A/V Output Selectable) • Installation Kit Included • IR Transmitter for Alpine Headphones

TME-M680EM: Add-on Display without Black-Box for Dual Monitor Upgrade

Easy Upgrade with a Second Monitor
The black box that comes with the monitor has an output for a second monitor. Extra monitors (TME-M780EM/-M680EM) are available at reduced cost, making this an attractive option for upgrading.

TME-M780/-M680
Display with Black Box

TME-M780EM/-M680EM
Additional Display
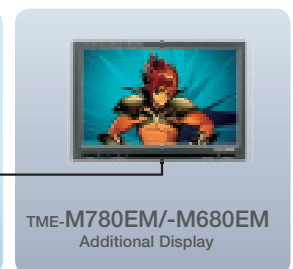
Headphones

SHS-N100
SINGLE SOURCE MOBILE WIRELESS HEADPHONE

Single 1 channel IR headphone to use with PKG-1000P/-2000P/-850P.

SHS-N205
DUAL SOURCE MOBILE WIRELESS HEADPHONE

Dual source fold-flat wireless headphone.

SHS-N252
IR HEADPHONE (2 SET)

2 IR headphones + transmitter, 2 AUX inputs, Ch 1-2 independently selectable.

Bluetooth®

TME-**M740BT**
7" WVGA TOUCH SCREEN MONITOR

• Built-in Bluetooth module for hands-free phone operation • High resolution touch screen display • Easy-to-use GUI • Non-black box design

This wide screen monitor features a touch control display with on-screen controls for easy operation. The built-in Bluetooth module gives you hands-free operation of your Bluetooth-enabled mobile phone, with full control from the display. The TME-M740BT is also easy to install, since there's no additional black box to hide away.

TME-**M860** *PulseTouch Display*
8" WVGA HIGH QUALITY PULSETOUCH MONITOR

• 8" WVGA PulseTouch Display with GUI Interface • 1 A/V Output and 3 A/V Inputs • NAVI RGB Input • Headphone Output

TME-**M710**
6.5" WIDE SCREEN LCD MONITOR

• 6.5" Wide Screen LCD Colour Monitor • 2 A/V Inputs • Built-In Speaker and Amplifier • Headphone Output • Navi RGB input

DHA-**S690**
6 DISC DVD CHANGER

• DVD±R/±RW/DivX/MP3/WMA/AAC Playback • Ai-NET and stand-alone operation • 24-Bit DAC • DVD-Audio 2-channel down-mix • Dolby Digital and DTS compatible • Remote control included • Touch Control Ready • Optical output

KCE-**425i**
iPod® USB VIDEO INTERFACE

For details, see page 7

DVE-**5207**
1DIN DVD PLAYER

• Stand Alone • DVD-R/-RW Playback • Video Output • 2-channel down-mix PreOut

Accessories

Connectivity

KCE-220UB
USB EXTENSION CABLE

To connect USB memory sticks, etc to Alpine head units with USB feature.

KWE-155B
FM ANTENNA SPLITTER FOR EX-10

For use in countries that restrict usage of FM transmitters.

KCE-430iV
iPod CABLE FOR IVA-D106R

To connect an iPod to an IVA-D106R, including video playback.

IMPRINT

KTX-100EQ
IMPRINT SOUND CALIBRATION KIT

Includes calibration CD-ROM, high-end microphone and cables. For IMPRINT calibration of CDA-9887R.

KTX-H100
IMPRINT SOUND CALIBRATION KIT

Includes calibration CD-ROM, high-end microphone and cables. For IMPRINT calibration of PXA-H100.

Ai-NET

KCA-121B
INTERCONNECTOR FOR Ai-NET (MALE) TO RCA (FEMALE)

For Versatile Link compatible Ai-NET Head Units; makes RCA audio signal input from any audio source possible (TV tuner, game, etc).

AV/CAR NAVI

KCE-900E
RGB TO NTSC COMPOSITE AND MONO AUDIO

Multi purpose interface for DVD CAR NAVI NVE-N077P/PS/-N099P to extract RCA AV signals from the RGB output and convert them to NTSC format.

KWE-663N
3.5 METER REPLACEMENT CABLE FOR TME-M770/S

3.5m monitor cable with special micro-connectors. For easy cable guidance through the seat and head-rest.

KCE-030N
RGB CABLE FOR CAR NAVI AND RCA INPUT MONITOR

To connect NVE-N077P/PS/-N099P CAR NAVI to monitors with RCA signal input.

VPE-S431
VIDEO SWITCHER/ EXPANSION MODULE

2 Monitor outputs/ 3 AUX inputs. Touch control ready. Works best with IVA-D310R, VPA-B211P, VPA-B222R and TME-M770/S.

KWE-610A
OPTICAL CABLE FOR IVA-W505R/-W502R

6 meter optical cable to connect an IVA-W505R or -W502R to the PXA-H701 or other processor with optical input.

iPod

KTX-550iD
1DIN DASH DOCK FOR iPod

To securely store any kind of iPod when connected to a head unit or 1DIN Mobile Media Station (Does not include iPod and iDA-X001).

Subwoofer Accessories

KTE-12WG
12" SUBWOOFER GRILLE

Compatible with SWR-1222D/-1242D.

Others

RUE-4202
WIRELESS REMOTE

Remote control for "Remote Ready" Head Units.

RUE-4203
WIRELESS REMOTE FOR MOBILE MEDIA STATIONS

Wireless remote control for use with all Remote Ready MMS.

RUE-4191
MULTI-FUNCTION WIRELESS REMOTE

Head Unit/CAR NAVI/DVD/Monitor/ TV tuner remote control.

KCA-420i
INTERFACE ADAPTER FOR iPod

Compatible with Ready for iPod Head Units/MMS and VehicleHub/Pro.

KCA-620M
USB ADAPTER FOR MP3

Ai-NET. Works with many USB storage devices. Quick Search Ready.

Category	Model No.	Description	Application
Ai-NET	KCA-130B	Ai-NET - DIN ADAPTER	For connecting Ai-NET & M-BUS compatible changers such as CHA-S634, -S607, -S604, -S614 to a M-BUS Head Unit.
	KWA-200B	2 METER CONNECTION CABLE	Ai-NET connection cable (male, straight – male, L-shaped connector).
	KWA-350B	3.5 METER EXTENSION CABLE	For extension of an existing Ai-NET and power supply cable (male straight – female straight connector).
AV/CAR NAVI	KAX-552N	ACTIVE NAVIGATION SPEAKER FOR CAR NAVI	Lets you hear the CAR NAVI voice guidance louder and clearer than from the monitor speaker.
	KTE-120V	FLEXIBLE ARM FOR LCD MONITOR	Flexible goose-neck arm for free installation of monitors such as TME-M770, -M770S, -M710.
	NVE-K200	Ai-NET SOUND INTERRUPTER	Lets you input audio signals into Ai-NET lines where no RCA input is available (for example if you want to hear the TV-tuner sound over your car speakers).
	NVE-K300	SPEED PULSE GENERATOR FOR CAR NAVI	Generates speed pulse signals by magnetising sections of a tire (for cars without speed pulse signal).
	KCM-122B	INTERCONNECTOR FOR DIN (MALE) TO RCA (FEMALE)	Versatile Link adapter for M-BUS Head Units.
	KCM-123B	M-BUS TO MINI-JACK INTERCONNECTOR	For connecting a portable MP3 player or similar to an M-BUS Head Unit.
	KRE-500E	REMOTE EYE FOR DVA-7996R/DVA-5210/DVE-5207	5m cable, to control DVD playback from the rear (DVA-7996R) or to control DVA-5210 via remote control.
	KRE-502E	REMOTE EYE ADAPTER	For connecting Head Units that are not Remote Control Ready to the KRE-500E to enable remote control ready status.
	KTE-775QR	MONITOR QUICK RELEASE FOR TME-M770/S	Monitor anti-theft device: allows quick detachment of TME-M770/S display.
	KCE-200V	VIDEO SIGNAL SPLITTER (1-IN, 2-OUT)	Video splitter with buffer amplifier to use two monitors on one video output without losing picture quality (incl. 2 RCA video cables).
Interconnectors	4311	SPEAKER OUT TO RCA (HIGH POWER)	Converts high power speaker output signals to pre-out level (2 channel).
	4312	DUAL AMP INPUT SIGNAL BALANCER	If you have only one pre-out pair and would like to control the balance between two amplifiers, this unit lets you adjust the RCA output signals between those two amps.
Extension Cables	4916	6 METER OPTICAL FIBRE CABLE	For connecting units with digital, optical in-/outputs such as DVD players and processors.
Changer Applications	KAE-158C	6D MAGAZINE	DVD magazine for DHA-S690.
	KAE-156C	6D MAGAZINE	DVD magazine for DHA-S680P (can also be used with KAE-116C compatible changers).
	KAE-116C	6D SEE-THROUGH MAGAZINE	For CHA-S634,-S624,-S614,-S604,-S605, CHM-S630,-S620,-S611 and VPA-S001.
	CHM-S630	6-DISC M-BUS CD CHANGER	Free mounting angle (0°-90°).
Subwoofer Accessories	KTE-10WG	10" SUBWOOFER GRILLE	Compatible with SWR-1022D/-1042D.
Others	KCE-USB3	2 METER USB EXTENSION CABLE	2m USB extension cable with bracket and holder for flush mount
	KAE-205DV	DVB-T ANTENNA	Active DVB-T screen antenna set for TUE-T200DVB, TUE-T150DV
	KAE-210DV	DVB-T ANTENNA	Active DVB-T antenna set for TUE-T200DVB, TUE-T150DV
	KCE-236B	FULL SPEED TO MINI-JACK ADAPTER	For connecting a portable MP3 player or similar to a Full Speed Head Unit.
	KCE-422i	iPod FULL SPEED CONNECTION CABLE	For connecting an iPod to a Full Speed Head Unit.
AlpineF#1Status	KCI-500B	Ai-NET/IONBUS CONVERTER	Converts IONBUS signals to Ai-NET signals. For control of Ai-NET CD Changers from the DVI-9990R.
	KWI-204B	2 METER IONBUS CABLE	To connect two IONBUS units (example: PXI-H990 in dual mode).
	KWE-205B	2 METER DVD-AUDIO LINK CABLE	For digital signal transfer between DVI-9990R and PXI-H990/DAI-C990.

Digital Media Receivers

	iDA-X100	iDA-X200	iDA-X300	Required Accessory
Full Speed Connection	●	●	●	KCE-422i
USB Port for Storage Device	Cable included	Cable included	Cable included	
MP3/AAC/WMA Playback	●	●	●	
Ai-NET	●	●	●	
Steering Remote Control Ready	●	●	●	ask your dealer
Bluetooth Ready	●	●	●	KCE-350BT
Power Pack Ready	●	●	●	KTP-445
24-Bit DAC	●	●	●	
IMPRINT Ready			●	PXA-H100
USB Connection for iPod	Cable included	Cable included		
MTP / DRM 10 Ready	●	●	●	
Double-Action Encoder	●	●	●	
Colour TFT Display	●			
Vehicle Display Interface Ready	●			ask your dealer
Built-in Amplifier	4 x 50W MAX	4 x 45W MAX	4 x 45W MAX	
RCA Outputs	3 PreOuts (2V)	3 PreOuts (2V)	1 PreOut (2V)	

Head Units

|	CDA-9887R	CDA-9886R	CDA-9884R	CDE-9882Ri	CDE-9880R	CDE-9874RB/RR/R	CDE-9872R/RM	Required Accessory
Full Speed Connection				Cable included				KCE-422i
MP3 Playback	●	●	●	●	●	●	●	
Steering Wheel Remote Control Ready	●	●	●	●	●	●	●	ask your dealer
Full Speed AUX input	●	●	●	●	●	●	●	KCE-236B
Subwoofer Level Control	●	●	●	●	●	●	●	
Quick Search	●	●	●	●	●	●	●	
Bluetooth Ready with Audio Streaming	●	●	●	●	●	●	●	KCE-350BT
Power Pack Ready	●	●	●	●	●	●		KTP-445
Rotary Encoder	●	●	●	●	●			
Flip Down Face	●	●	●	●	●			
USB Connection (non iPod)		●	●	●	●	●		KCE-220UB
WMA/AAC Playback	●	●	●	●	●	●		
Remote Ready	●	●	●	●	●	●		RUE-4202
Ai-NET	●	●	●					
Vehicle Display Interface Ready	●	●	●					ask your dealer
IMPRINT Ready	Built-in	●	●					PXA-H100
24-Bit DAC	●	●	●					
BioLite Display	●	●						
Remote Control Included	●	●	●					
Auto Volume	●	●	●					
Built-in Amplifier	4 x 60W MAX	4 x 50W MAX	4 x 50W MAX	4 x 50W MAX	4 x 50W MAX	4 x 45W MAX	4 x 45W MAX	
RCA Outputs	3 PreOuts (4V)	3 PreOuts (4V)	3 PreOuts (4V)	3 PreOuts (2V)	3 PreOuts (2V)	2 PreOuts (2V)	1 PreOut (2V)	

Mobile Media Stations

	IVA-W505R	IVA-W502R	IVA-D106R	IVA-W205R	IVA-W202R	Required Accessory
DVD±R/±RW Playback	●	●	●	●	●	
24-Bit DAC	●	●	●	●	●	
DVD-Audio 2-ch down-mix	●	●	●	●	●	
Full Speed Connection	●	●	●	●	●	KCE-422i
Vehicle Display Interface Ready	●	●		●	●	ask your dealer
Steering Remote Control Ready	●	●	●	●	●	ask your dealer
DVB-T Ready	●	●	●			TUE-T150DV
Power Pack Ready	●	●	●	●	●	KTP-445
Ai-NET	●	●	●	●	●	
Bluetooth Ready	●	●	●	●		KCE-350BT
IMPRINT Ready	●	●	●	●		PXA-H100
iPod video playback	Cable included	Cable included				KCE-430iV
Visual Enhancement	LLC	LLC				
WVGA display	●	●				
USB connection for iPod	Cable included	Cable included				
Built-in Blackbird Dock				●		
Built-in Amplifier	4 x 50W MAX	4 x 50W MAX	4 x 50W MAX	4 x 50W MAX	4 x 50W MAX	
PreOuts	3 PreOuts (2V)	3 PreOuts (2V)	3 PreOuts (2V)	3 PreOuts (2V)	3 PreOuts (2V)	
Display	7" WVGA Touch Screen	7" WVGA Touch Screen	7" QVGA Touch Screen	6.5" QVGA PulseTouch	6.5" QVGA PulseTouch	
Digital Media Playback	MP3/AAC/WMA/DivX	MP3/AAC/WMA/DivX	MP3/AAC/WMA/DivX	MP3/WMA	MP3/WMA	

Amplifier Specifications

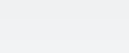|	PDX					V-POWER								Theatre Amplifiers
Mono		**4/3/2 Ch**	**4/3/2 Ch**	**2/1 Ch**	**5 Ch**	**Mono**				**4/3/2 Ch**			**2/1 Ch**	**5 Ch**
PDX-1.1000	PDX-1.600	PDX-4.150	PDX-4.100	PDX-2.150	PDX-5	MRP-M2000	MRP-M1000	MRP-M500	MRP-M352	MRP-F600	MRP-F300	MRP-F242	MRP-T222	MRA-F355
1 x 1000W 1 x 1000W	1 x 600W 1 x 600W	4 x 100W 4 x 150W 2 x 300W	4 x 100W 4 x 100W 2 x 200W	2 x 150W 2 x 150W 1 x 300W	4 x 75W (4Ω) + 1 x 300W (2/4Ω)	1 x 1500W 1 x 2000W	1 x 600W 1 x 1000W	1 x 300W 1 x 500W	1 x 200W 1 x 350W	4 x 100W 4 x 150W 2 x 300W	4 x 50W 4 x 75W 2 x 150W	4 x 40W 4 x 50W 2 x 100W	2 x 50W 2 x 70W 1 x 140W	5 x 50W
2200W	1500W	880W	800W	440W	1200W	T.B.A.	1900W	1100W	700W	1320W	640W	360W	250W	400W
Direct FET Power Supply		MOS-FET Power Supply			Direct FET Power Supply	DC-DC PWM Power Supply				MOS-FET Power Supply				
Selectable Subsonic Filter						Selectable Subsonic Filter	Fixed Subsonic Filter							HPF
							Variable Bass EQ				Bass EQ		Variable Bass EQ	P.EQ
Front Panel Controls										Side Panel Controls				
PreOut						PreOut					PreOut			PreOut
						Speaker Level Input								
Rear Terminal						Dual Sided Terminal								

■ RMS Continuous Power at 14.4V, 20Hz-20kHz • Per Channel into 4Ω (1% THD) • Per Channel into 2Ω (1% THD) • Bridged 4Ω (1% THD)   ■ MAX Power
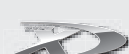
Speaker Specifications

	Model Mumber	Size	Type	Peak Power (Watt)	RMS Power (Watt)	Frequency Response (Hz)	Sensitivity (dB,1W/1m)	Installation Diameter (mm)	Depth (mm)
	SPX-17PRO	6-1/2" (16.5cm)	Component 2-way	300	100	35-40k	89.5	134	63
	SPX-13PRO	5-1/4" (13cm)	Component 2-way	240	80	45-40k	88	116	59
	SPX-17REF	6-1/2" (16.5cm)	Component 2-way	225	75	40-40k	89.5	134	63
	SPX-13REF	5-1/4" (13cm)	Component 2-way	180	60	50-40k	88	116	59
	SPR-17S	6-1/2" (16.5cm)	Component 2-way	330	110	65-27k	87	136	59
	SPR-13S	5-1/4" (13cm)	Component 2-way	300	100	70-27k	86	117	55
	SPR-69C	6x9" (15x23cm)	Coaxial 2-way	300	100	60-27k	89	146 x 216	75
	SPR-17C	6-1/2" (16.5cm)	Coaxial 2-way	300	100	65-27k	87	136	59
	SPR-13C	5-1/4" (13cm)	Coaxial 2-way	270	90	70-27k	86	117	55
	SPS-171A	6-1/2" (16.5cm)	Component 2-way	250	50	35-30k	90	140	64
	SPS-69C3	6x9" (15x23cm)	Coaxial 3-way	250	50	30-30k	92	150 x 222	77
	SPS-69C2	6x9" (15x23cm)	Coaxial 2-way	250	50	30-30k	92	150 x 222	77
	SPS-57C2	5x7" (12.5x17.5cm)	Coaxial 2-way	250	50	35-30k	92	126 x 183	64
	SPS-17C2	6-1/2" (16.5cm DIN)	Coaxial 2-way	250	50	35-30k	92	140	56
	SPS-13C2	5-1/4" (13cm)	Coaxial 2-way	175	35	45-30k	92	111	50
	SPE-20SF	8" (20cm DIN)	Component 2-way	240	30	30-25k	TBA	174	42
	SPE-17SF	6-1/2" (16.5cm DIN)	Component 2-way	210	25	35-25k	86	139	38
	SPE-17CS	6-1/2" (16.5cm)	Component 2-way	210	35	35-25k	91	140	61
	SPE-13CS	5-1/4" (13cm)	Component 2-way	180	30	50-25k	91	110	43
	SPE-69C3	6x9" (15x23cm)	Coaxial 3-way	210	35	30-25k	92	150 x 222	68
	SPE-69C2	6x9" (15x23cm)	Coaxial 2-way	210	35	30-25k	92	150 x 222	68
	SPE-17C2	6-1/2" (16.5cm)	Coaxial 2-way	210	35	35-25k	91	140	61
	SPE-13C2	5-1/4" (13cm)	Coaxial 2-way	180	30	50-25k	91	110	43
	SPE-10C2	4" (10cm)	Coaxial 2-way	120	20	55-25k	90	90	43
	SXE-6925S	6x9" (15x23cm)	Coaxial 2-way	280	45	40-20k	92	150 x 219	68
	SXE-5725S	5x7" (12.5x17.5cm)	Coaxial 2-way	200	35	70-20k	91	126 x 183	56
	SXE-4625S	4x6" (10x15cm)	Coaxial 2-way	150	20	90-20k	91	85 x 142	37
	SXE-1025S	4" (10cm)	Coaxial 2-way	180	25	100-20k	90	95	43
Custom Fit Speaker	SXE-1750S	6-1/2" (16.5cm DIN)	Component 2-way	280	45	60-20k	90	142	46
	SXE-1350S	5-1/4" (13cm)	Component 2-way	250	40	60-20k	90	114	49
	SXE-1725S	6-1/2" (16.5cm DIN)	Coaxial 2-way	220	40	60-20k	92	142	46
	SXE-1325S	5-1/4" (13cm)	Coaxial 2-way	200	35	70-20k	92	114	49
	SXE-0825S	3-1/2" (8.6cm)	Coaxial 2-way	150	20	120-16k	89	85	36

Subwoofer Specifications

	Model Mumber	Maximum Peak Power (Watt)	Maximum RMS Power (Watt)	Impedance (Ω)	Sensitivity (dB,1W/1m)	Frequency Response (Hz)	Woofer Mounting Depth (mm)	Cut-out Diameter (mm)	Recommended Amplifier (Mono)
	SWX-1243D	3000	1000	4 + 4	84	24-200	219	277	PDX-1.1000
	SWX-1043D	3000	1000	4 + 4	82	26-200	218	231	PDX-1.1000
	SWR-1542D	2000	750	4 + 4	87	20-400	234	349	PDX-1.1000
	SWR-1522D	2000	750	2 + 2	87	18-400	234	349	PDX-1.1000
	SWR-1242D	1500	500	4 + 4	85	25-500	195	275	PDX-1.600
	SWR-1222D	1500	500	2 + 2	85	23-500	195	275	PDX-1.600
	SWR-1042D	1500	500	4 + 4	83	26-600	172	231	PDX-1.600
	SWR-1022D	1500	500	2 + 2	83	24-600	172	231	PDX-1.600
	SWS-1223D	900	300	2 + 2	86	27-700	127	289	MRP-M1000
	SWS-1243D	900	300	4 + 4	86	27-700	127	289	MRP-M1000
	SWS-1023D	900	300	2 + 2	84	31-700	110	244	MRP-M1000
	SWS-1043D	900	300	4 + 4	84	30-700	110	244	MRP-M1000
	SWE-1243E	800	250	4	90	28-1k	172	278	MRP-M500
	SWE-1043E	500	150	4	88	33-1k	139	235	MRP-M500
	SWE-843E	400	120	4	87	34-1.5k	111	183	MRP-M500